

WHAT IS CLAIMED IS:

- 1 1. A method for operating a service device to provide a service
2 comprising:
 - 3 detecting a request from a requesting device to provide said service;
 - 4 obtaining peripheral information relating to one or more peripheral devices,
5 said peripheral devices being within a predetermined distance of said service device; and
6 providing said service depending on said peripheral information.
- 1 2. The method of claim 1 wherein said providing said service is further
2 dependent on a time of detection of said request.
- 1 3. The method of claim 1 wherein said peripheral information includes
2 information relating to positions of said peripheral devices relative to said service device.
- 1 4. The method of claim 3 wherein said peripheral information further
2 includes information relating to whether one of said peripheral devices is within said
3 predetermined distance of said service device.
- 1 5. The method of claim 1 wherein said peripheral information for each of
2 said peripheral devices is obtained from said peripheral device or from a data store separate
3 from said service device.
- 1 6. The method of claim 1 further including detecting when one of said
2 peripheral devices makes a transition between a first condition and a second condition, said
3 first condition being a condition where said one of said peripheral devices is within said
4 predetermined distance of said service device, said second condition being condition where
5 said one of said peripheral devices is beyond said predetermined distance of said service
6 device, said step of providing said service further being dependent on detecting said
7 transition.
- 1 7. The method of claim 1 further including obtaining second peripheral
2 information relating to positions of one or more second peripheral devices relative to said
3 requesting device.

1 8. The method of claim 7 wherein said second peripheral information
2 further includes information relating to whether one of said one or more second peripheral
3 devices is within a second predetermined distance from said requesting device.

1 9. The method of claim 7 wherein said second peripheral information for
2 each of said second peripheral devices is obtained from said each second peripheral device or
3 from a data store separate from said each second peripheral device.

1 10. The method of claim 7 wherein said second peripheral information
2 includes information relating to whether one of said second peripheral devices is within said
3 second predetermined distance from said requesting device.

1 11. The method of claim 1 further including obtaining at said service
2 device second peripheral information independently of obtaining a request from said
3 requesting device, said second peripheral information relating to one or more second
4 peripheral devices.

1 12. The method of claim 1 wherein said request includes user information
2 indicative of a user of said requesting device, said step of providing further dependent on said
3 user information.

1 13. The method of claim 1 wherein said obtaining peripheral information
2 includes transmitting a peripheral information request for said peripheral information.

1 14. The method of claim 1 wherein said obtaining peripheral information
2 includes obtaining said peripheral information absent transmitting a request for said
3 peripheral information.

1 15. The method of claim 1 further including transmitting a request for
2 access information and in response to said transmitting, receiving said access information,
3 said access information contained in a data store separate from said service device and from
4 said peripheral devices, said step of providing further being dependent on said access
5 information.

1 16. The method of claim 1 further including obtaining history information
2 relating to one or more of said requesting device, a user of said requesting device, and said
3 service device, said step of providing further being dependent on said history information.

1 17. A method for operating a service device to provide a service
2 comprising:

3 detecting a request from a requesting device to provide said service;
4 obtaining peripheral information relating to one or more peripheral devices,
5 said peripheral devices being within a predetermined distance of said requesting device; and
6 providing said service depending on said peripheral information.

1 18. The method of claim 17 further including obtaining history
2 information relating to one or more of said requesting device, a user of said requesting
device, and said service device, said step of providing further being dependent on said history
information.

1 19. The method of claim 17 wherein said providing said service is further
2 dependent on a time of detection of said request.

1 20. The method of claim 17 wherein said peripheral information includes
2 information relating to positions of said peripheral devices relative to said requesting device.

1 21. The method of claim 20 further including obtaining second peripheral
2 information relating to positions of one or more second peripheral devices relative to said
3 service device.

1 22. A service device for providing a service comprising:
2 detector circuitry operable to detect a request from a requesting device to
3 provide said service;
4 control circuitry operable to obtain peripheral information relating to one or
5 more peripheral devices, said peripheral devices being within a predetermined distance of
6 said service device; and
7 access control circuitry operatively coupled to said control circuitry, said
8 access control circuitry operable to allow or disallow providing of said service depending on
9 said peripheral information.

1 23. The device of claim 22 wherein said peripheral information includes
2 information relating to whether one of said peripheral devices is within said predetermined
3 distance of said service device.

1 24. The device of claim 22 wherein said control circuitry is further
2 operable for communicating with a data store to obtain said peripheral information for some
3 of said peripheral devices, said data store being separate from said service device.

1 25. The device of claim 22 wherein said detector circuitry is further
2 operable to detect when one of said peripheral devices makes a transition from a condition of
3 being within said predetermined distance of said service device to a condition of being
4 beyond said predetermined distance of said service device, or a transition from a condition of
5 being beyond said predetermined distance of said service device to a condition of being
within said predetermined distance of said service device, said access control circuitry further
being operatively coupled to said detector circuitry and further being operable to allow or
disallow providing of said service depending on detecting said transitions.

1 26. The device of claim 22 wherein said control circuitry is further
2 operable to obtain second peripheral information relating to one or more second peripheral
3 devices within a second predetermined distance from said requesting device.

1 27. The device of claim 26 wherein said second peripheral information for
2 each of said second peripheral devices is obtained from said each second peripheral device or
3 from a data store separate from said each second peripheral device.

1 28. The device of claim 26 said control circuitry is further operable to
2 obtain additional information relating to whether one of said second peripheral devices is
3 within said second predetermined distance from said requesting device.

1 29. The device of claim 22 wherein said control circuitry is further
2 operable to obtain second peripheral information independently of said detector circuitry, said
3 second peripheral information relating to one or more second peripheral devices.

1 30. The device of claim 22 wherein said request includes user information
2 indicative of a user of said requesting device, said access control circuitry further being
3 operable to allow or disallow providing of said service dependent on said user information.

1 31. The device of claim 22 wherein said control circuit includes a
2 communication portion operable to obtain said peripheral information by transmitting a
3 peripheral information request for said peripheral information.

1 32. The device of claim 22 wherein said control circuitry is further
2 operable to obtain history information relating to one or more of said requesting device, a
3 user of said requesting device, and said service device, said access control circuitry further
4 operable to allow or disallow providing of said service dependent on said history information.

1 33. An service control system for providing a service comprising:
2 one or more requesting devices; and
3 one or more service providing devices in communication with said one or
4 more requesting devices;

5 each of said service providing devices comprising:
6 detector circuitry operable to detect a request from one of said
7 requesting devices to provide said service;

8 control circuitry operable to obtain peripheral information relating to
9 one or more peripheral devices, said peripheral devices being within a predetermined distance
10 of said each service device; and

11 access control circuitry operatively coupled to said control circuitry,
12 said access control circuitry operable to allow or disallow providing of said service
13 depending on said peripheral information.

1 34. The system of claim 33 further including one or more data stores, each
2 said data store providing said peripheral information.

1 35. The system of claim 33 wherein some of said requesting devices have
2 associated peripheral devices, the system further including one or more first data stores and
3 one or more second data stores, each first data store providing said peripheral information for
4 at least one of said peripheral devices, each said second data store providing second
5 peripheral information relating to one or more of said associated peripheral devices.

1 36. A service device for providing a service comprising:
2 means for detecting a request from a requesting device to provide said service;

3 means for obtaining peripheral information relating to one or more peripheral
4 devices, said peripheral devices being within a predetermined distance of said service device;
5 and

6 means for providing said service depending on said peripheral information.

1 37. The method of claim 36 further including means for obtaining second
2 peripheral information relating to one or more second peripheral devices within a second
3 predetermined distance from said requesting device.

1 38. The method of claim 36 further including means for obtaining history
2 information relating to one or more of said requesting device, a user of said requesting
3 device, and said service device, said means for providing further being dependent on said
4 history information.

39. A service device for providing a service comprising:
 means for detecting a request from a requesting device to provide said service;
 means for obtaining peripheral information relating to one or more peripheral
devices, said peripheral devices being within a predetermined distance of said requesting
device; and
 means for providing said service depending on said peripheral information.